ENGEL

A LEGEND IN RELIABILITY®

INTRODUCING THE NEXT GENERATION ENGEL!

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PRODUCT CATALOGUE

ISSUE 17

THE NEXT GENERATION ENGEL IS HERE!

ENGEL DIGITAL

FOLLOWING THE SUCCESS OF THE 50TH ANNIVERSARY LIMITED EDITION ENGEL HAS NOW RELEASED THE NEW DIGITAL 32L & 40L FRIDGE-FREEZERS

JAPANESE TECHNOLOGY AT IT'S BEST!

FEATURING

- New user-friendly temperature control.. just set and forget!
- New digital low battery cut off that you can choose to turn on or off.
- Automatic built in tri-voltage power, 12/24V & 240V
- Tough steel construction.
- 3 year warranty and Australia wide service network
- The new fridges still feature Engel's proven technology

GET THE MOST OUT OF YOUR ENGEL WITH ENGEL ACCESSORIES

Transit Bag

Smart Battery Box

PowerFilm Solar

Securing Options

ENGEL
A LEGEND IN RELIABILITY®

For stockists call 1300 302 653
www.engelaustralia.com.au

WHY HAS ENGEL SPENT 50 YEARS AS AUSTRALIA'S NUMBER ONE?

Paul Worsteling from IFISH

Engel has been the leading provider of portable fridge-freezers in Australia for 50 years. So what is it that makes Engel Australia's number one?

1. Engel has the unique super efficient Sawafuji swing motor, with only one moving part, making it simply the most efficient motor available. The motor is self lubricating, works at 100% efficiency even at an angle of 30 degrees, and will keep running even as low as 10 volts.

2. An Engel is built strong, tough and made to last. The solid steel cabinet means the Engel can handle the knocks and bumps of off-road driving, plus you know it's not going to warp or twist in the Aussie heat.

3. Efficiency is also about the Engel's lowest maximum power draw. Don't be fooled by those who quote averages and figures that are false. The 40 litre Engel has a maximum power draw when the motor is cycling on of less than 2.6 amps. No other brand can match this.

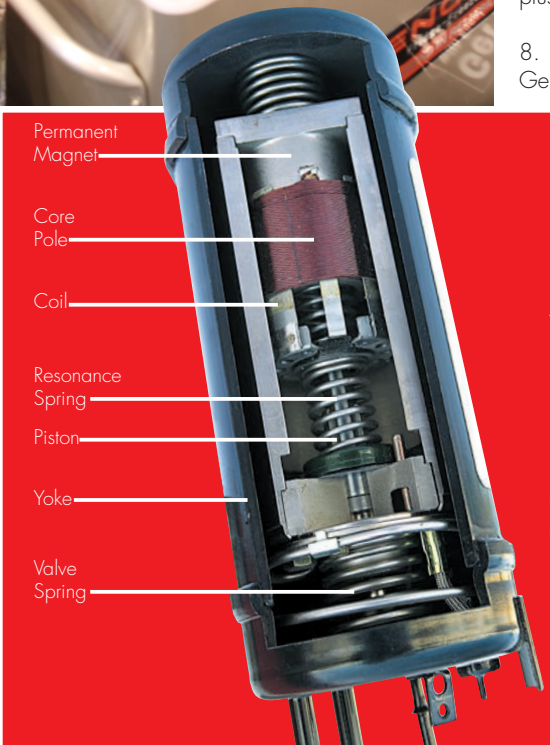
4. Simple and easy to operate controls. No fancy bells and whistles but a single dial knob to select the desired temperature. And now, even simpler with an easy to set digital control!

5. Easy power options - Tri voltage (240 Volt, 12 volt and 24 volt) standard and built in on most models in the range. Plus the benefit of having both the 12volt and 240 volt cords plugged in at the same time for convenience when you stop and switch power source.

6. Research and development done in Australia in some of the harshest conditions and roughest terrain in the world means when you take your fridge into these conditions you can be confident it will work and it will last.

7. Engel has a fantastic network of committed dealers and service agents who can and will help with any problem. All parts of the Engel are replaceable, plus all Engel fridge freezers come with a 3 year warranty.

8. Engel also stock a fantastic range of Engel Accessories from Solar to Generators, from leads to wiring harnesses, from slides to storage.



ENGEL'S World Famous Sawafuji Swing Motor

All Engel fridge-freezers are powered by the unique Sawafuji Swing Motor. Japanese technology at its best, the Sawafuji Swing Motor has only one moving part. The piston connects to an electro dynamic device which is powered by the use of magnetic fields. This technology means no need for bearings, cranks or con-rods; and less moving parts means less chance of failure. The Motor does not need to perform a full stroke on start up unlike many rotary type compressors; meaning it doesn't have a high start up current draw. Low friction loss adds to its efficiency. The Motor operates at 30 degree angles and on rough corrugated tracks without losing any efficiency, making it the most effective choice of motor for Engel.

ENGELS FOR AUSSIES O

Engel MD14F (14 litre)

The Engel MD14F (14 litre) is a totally portable yet very powerful 12V fridge-freezer for cars, trucks and boats. Carry chilled drinks and perishables wherever you go. It can also be used with a 240V to 12V Engel transformer (see accessories).

Capacity:	14 LITRE (14x375ml cans)
Internal Dimensions (mm):	H210 W350 D190
External Dimensions (mm):	H395 W442 D284
Net Weight:	11.5KG
DC Power Consumption:	Variable from 0.5 - 2.8 AMPS
Power:	12V DC Only

Engel MT17F (15 litre)

Capacity:	15 LITRE (21x375ml cans)
Internal Dimensions (mm):	H230 W290 D200
External Dimensions (mm):	H360 W548 D306
Net Weight:	17KG
DC Power Consumption:	Variable from 0.5 - 2.5 AMPS
Power:	Built-in 240V AC/12V/24V DC

Engel MD17F (15 litre) & Engel MD27F (21 litre)

12/24V DC only

These units are ideal for use when mains power is not required - so are specifically designed to remain in the vehicle. Great for cars, trucks and boats.

N THE GO

Engel MT27F (21 litre)

Capacity:	21 LITRE (29x375ml cans)
Internal Dimensions (mm):	H320 W290 D200
External Dimensions (mm):	H462 W538 D306
Net Weight:	18KG
DC Power Consumption:	Variable from 0.5 - 2.5 AMPS
Power:	Built-in 240V AC/12V/24V DC

Engel MR40F ECLIPSE (38 litre)

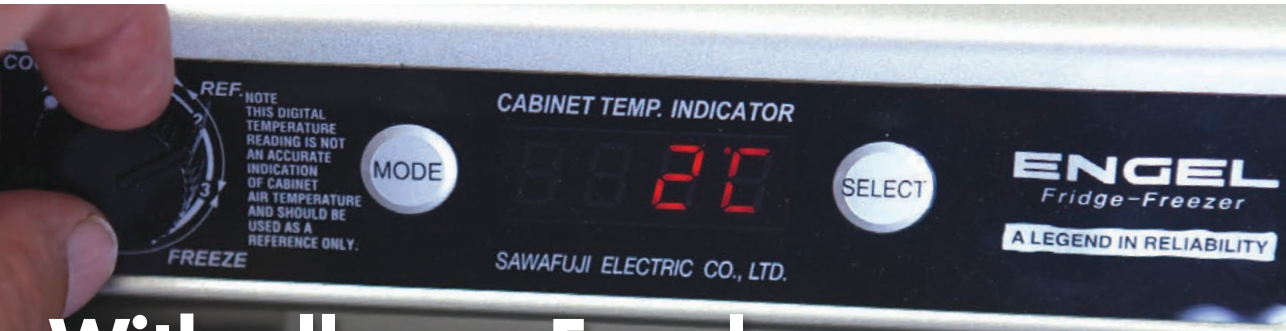
The Engel Eclipse is perfect for weekends away and general use for those who don't require the legendary strong steel Engel casing. The Eclipse is built with quality Engel components including the famous Sawafuji Swing motor to ensure ongoing reliability and the light-weight body means the Eclipse is even easier to carry with you as you go.

Features include protective rubber corners and a reversible lid for your convenience. The new Eclipse also fits the genuine Engel accessories and the Eclipse Transit Bag.

Capacity:	38 LITRE (50x375ml cans)
Internal Dimensions (mm):	H360 W386 D266
External Dimensions (mm):	H483 W636 D366
Net Weight:	22KG
DC Power Consumption:	Variable from 0.5 - 2.75 AMPS
Power:	Built-in 240V AC/12V/24V DC

Premium Engel components in a light-weight body

AUSTRALIA'S NO.1 SELLING PORTABLE FRIDGE - FREEZER JUST GOT BETTER



With all new Engel digital technology!

Engel has taken it's legendary products to a new level with the introduction of the Next Generation Digital range. The new products boast Japanese technology at it's best and feature a user-friendly temperature control and digital gauge that you can just set and forget. They also have a new low battery cut off that you can choose to turn on or off.

NEW ENGEL DIGITALS

Engel MT35FP (32 litre)

NEW!

ENGEL DIGITAL

This mid sized model is perfect for family sedans, wagons and small 4WD vehicles.

Now quieter with increased capacity, performance and efficiency and with its rugged steel casing this unit is ideal for two or three people.

Capacity:	32 LITRE (44x375ml cans)
Internal Dimensions (mm):	H270 W380 D270
External Dimensions (mm):	H408 W631 D360
Net Weight:	21KG
DC Power Consumption:	Variable from 0.5 - 2.6 AMPS
Power:	Built-in 240V AC/12V/24V DC

Engel MT45FP (40 litre)

The benchmark portable fridge-freezer that other manufacturers try to emulate. Competitors always compare their product to the Engel 40litre, However these comparisons are hollow! When any one of their products has been working in the field for 50 years or more, only then can they dare to compare! For simplicity, durability, longevity, economy of power consumption and outright strength of construction you cannot go past the MT45FP!

Capacity:	40 LITRE (60x375ml cans)
Internal Dimensions (mm):	H370 W380 D260
External Dimensions (mm):	H508 W631 D360
Net Weight:	24KG
DC Power Consumption:	Variable from 0.5 - 2.6 AMPS
Power:	Built-in 240V AC/12V/24V DC

NEW!

ENGEL DIGITAL

ENGEL COMBI

NEW!

ENGEL DIGITAL

The new MT45FCP is a fridge and freezer in one and has different options for use!

Option 1
Freezer 16 litres and Fridge 23 litres Total 39 litres

Option 2
Freezer 23 litres and Fridge 16 litres. Total 39 litres

Option 3
Refrigerator Only (divider removed) Total 39 litres

Engel MT45FCP COMBI

ENGEL, Australia's No.1 portable fridge-freezer, introduces the ENGEL Combi MT45FCP, the first REAL portable fridge-freezer with the convenience of separate fridge (23 litres) and freezer (16 litres) compartments which are interchangeable in size. The thermostatically controlled fan provides cool air from the freezer section to maintain accurate refrigerator temperature.

The new MT45FCP Combi is part of the Next Generation digital range, which have all new features plus the same Engel reliability.

- User friendly LED Digital control, with built in battery protection
- The famous Sawafuji swing motor with only one moving part
- Lowest maximum power draw
- Rugged steel cabinet
- LED interior light
- Tri-voltage
- Removable wire baskets and divider
- Easy clean interior
- 3 year warranty and Australia wide service network

Fridge Capacity:	16,23 or 40 LITRE
Freezer Capacity:	16 or 23 LITRE
External Dimensions (mm):	H508 W631 D360
Net Weight:	24 KG
DC Power Consumption:	Variable from 0.5-2.7 AMPS
Power:	Built-in 240V AC/12V/24V DC

ENGEL THERMOS

Thermo Engel
TE08 (8 litre) & TE15 (15 litre)

The Engel Thermoelectric cooler/warmer's give travelling and work a higher level of comfort and convenience. Features include cooling performance up to 22 degrees below ambient temperature and warms up to +65 degrees Celsius, great for keeping food warm or cold while travelling. Light weight they are ideal to take along for picnics and road trips, with a secure seat-belt slot for fastening they also make a great armrest when used on the back seat. Easy to open with a magnetic lid the Engel Thermo includes twin can holders, shoulder strap and DC cord. 12 Month Warranty included.

SPECIFICATIONS	TE08	TE15
Capacity (Lt):	8 Lt	15 Lt
External Dimensions (mm):	H260 L440 D205	H300 L560 D280
Net Weight:	3KG	5KG
DC Power Consumption:	4 AMPS	4.5 AMPS
Power:	12 Volt DC only	12 Volt DC only

A 240VAC to 12VDC adaptor available (part no TEACA)

Engel Poly Boxes

The Engel Poly Box is a super tough roto-moulded icebox that keeps ice for days.

SPECIFICATIONS

Model	Capacity	Weight	External Sizes			Internal Sizes			Colour
	Litres	KG	H	W	L	H	W	L	
PB90	98	13	420	495	975	320	379	812	White
PB150	153	19	540	590	1050	418	443	827	White
PB40G	40	8	380	380	660	300	267	497	Granite
PB75G	75	12	535	485	970	420	380	810	Granite
PB120G	120	18	385	415	970	295	308	790	Granite

ENGEL BIG FELLAS

Engel MT60FP (60 litre)

Despite this model's large capacity it is still light enough to carry. Great for group excursions, fishing trips and extended touring. Twin storage baskets offer very easy access.

The Engel 60 litre is a must for all serious fishermen.

Capacity:	60 LITRE (80x375ml cans)
Internal Dimensions (mm):	H310 W510 D390
External Dimensions (mm):	H441 W790 D490
Net Weight:	33KG
DC Power Consumption:	Variable from 0.5-4.2 AMPS
Power:	Built-in 240V AC/12V/24V DC

Engel MT60FCP COMBI (57 litre)

ENGEL, Australia's No.1 portable fridge-freezer, introduces the ENGEL Combi 60, the first REAL portable fridge-freezer with the convenience of separate fridge (32 litre) and freezer (25 litre) compartments. The thermostatically controlled fan provides cool air from the freezer section to maintain accurate refrigerator temperature.

Fridge Capacity:	32 LITRE
Freezer Capacity:	25 LITRE
External Dimensions (mm):	H441 W790 D490
Net Weight:	34 KG
DC Power Consumption:	Variable from 0.5-4.2 AMPS
Power:	Built-in 240V AC/12V/24V DC

THE LEGEND GROWS

Engel MT80FP (80 litre)

Engel's BIG fridge-freezer gives you 33% more internal space than the MT60F with only a 120mm increase in height and no increase in power consumption.

Capacity:	80 LITRE (118x375ml cans)
External Dimensions (mm):	H561 W790 D490
Internal Dimensions (mm):	H410 W510 D390
Net Weight:	39 KG
DC Power Consumption:	Variable from 0.5 - 4.2 AMPS
Power:	Built-in 240V AC/12V/24V DC

Engel MT80FCP COMBI (75 litre)

Following on from the overwhelming success of the MT60F - Combi, this model gives over 30% extra internal space with no power consumption increase.

Fridge Capacity:	42 LITRE
Freezer Capacity:	33 LITRE
External Dimensions (mm):	H561 W790 D490
Net Weight:	40 KG
DC Power Consumption:	Variable from 0.5 - 4.2 AMPS
Power:	Built-in 240V AC/12V/24V DC

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ENGEL UPRIGHTS

Six upright Engel refrigerators with the versatility to use in boats, caravans, four wheel drives, motorhomes, campervans, camper trailers, trucks and all types of mobile accommodation.

No more filling of gas bottles and having the inconvenience of running out of gas. These models also use the energy efficient Sawafuji Swing Motor and switch from DC to AC automatically. (excluding the SB47F which is 12V/24V DC only.)

Automatic temperature control make these a breeze to use. Features such as adjustable shelves and door pockets make these an ideal addition to any vehicle.

In addition to these uprights and our renowned range of chest type fridge-freezers there are two units for those who wish to build their own fridge-freezer box or build their own fridge-freezer into a boat, caravan, camper trailer or any mobile situation.

SB47F (40 litre built in)

Affordable, extremely compact built-in refrigerator that will provide more than adequate storage capacity when space is at a premium (12/24v only).

SR48F (40 litre built in)

As for the SB47F but now with built-in 240v.

SR70F (57 litre built in)

Compact, built-in or free-standing fridges with an area for frozen goods, to suit most campervans and yachts. Maximisation of storage capacity allows you to separate beverages and perishables easily. Unique 12/24v to 240v conversion automatically selects mains power when connected.

ST90F (80 litre free standing)

Large capacity free-standing fridges that incorporate a separate freezing compartment. Cleverly designed to fit into confined spaces in caravans and boats. Unique 12/24v to 240v conversion as for SR 70. Kit also available for built-in installation.

CONTENTS OF FRIDGES DISPLAYED NOT INCLUDED

ENGEL UPRIGHTS

STF100F (Freezer)
STR100F (Refrigerator)

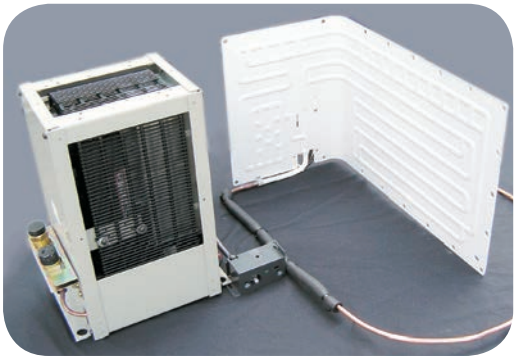
At last Engel have developed two new additions to the 'Upright' range, with the introduction of the new 95 litre 'All Fridge' and 95 litre 'All Freezer' side by side modeLs (sold separately).

Kit also available for built-in installation.

Engel SCQT5408F (Pictured below)

Designed to convert any icebox to an electronically refrigerated box. The fan cooled compressor/condenser unit can be located up to 3 metres from the ice-box making it ideal for motorboats and yachts. Kit also available for built-in installation.

Net Weight: 15kg
Power: Built-in12V/24V/240V
DC Power Consumption: Variable from 0.5 – 3.5 Amps



	UPRIGHT FREESTANDING			UPRIGHT BUILT-IN		
Model	**ST90F**	**STR100F**	**STF100F**	**SB47F**	**SR48F**	**SR70F**
Storage Vol (Lt)	80	95	95	40	40	57
Height (mm)	780	786	786	531(518)	531(518)	530(518)
Width (mm)	520	531	531	423(385)	423(385)	506(467)
Depth (mm)	548(505)	579	579	510(447)	510(447)	586(523)
Weight (Kg)	28	31	35	15	15	22
Power Supply AC DC	 240V 12V/24V	 240V 12V/24V	 240V 12V/24V	 12V/24V	 240V 12V/24V	 240V 12V/24V
DC Power Consumption	Variable from 0.5-2.5Amps	Variable from 0.5-3.3Amps	Variable from 0.5-4.8Amps	Variable from 0.5-2.5Amps	Variable from 0.5-2.5Amps	Variable from 0.5-2.5Amps

* Figures in brackets above refer to cutout dimensions required

EMMA GEORGE
ON TENTING IT WITH KIDS

Taking the kids bush, sleeping in a tent and forgoing life's creature comforts may be a daunting prospect for some but camping is one of the most rewarding and fun activities you can do with your kids. Camping provides the ideal opportunity to get the family outdoors, away from computers and internet, allowing kids to star in their own adventures, interact with nature and create lifelong memories.

If you are new to camping, don't panic as getting away for a couple of days is actually pretty easy, with a bit of forward planning and the right equipment you can be sleeping under the stars and sitting around a campfire with ease. In regard to equipment, you don't necessarily have to spend a fortune the first time you go camping. It is important to gauge if your family enjoys it before spending hundreds of dollars on expensive gear you may only use a couple of times. A tent is a prerequisite (bought or borrowed) plus some sleeping gear with a few kitchen essentials and you are almost there. Once you have the basic set up, then camping trips become a very low cost holiday and if your kids are like mine, one of their favourites.

Planning is an integral part of a successful trip and it's necessary to consider location, weather and facilities then pack accordingly. You don't want to camp in the middle of winter without enough bedding and warm clothes or expect to have cooking facilities then arrive at your chosen spot to find you have no means to cook dinner.

Left: Rain often means mud and fun – don't forget those extra clothes!

When out camping, its a great opportunity to slow down and spend quality time together.

Planning your trip

Location: Work out how far you want to drive, where you want to camp such as bush, river or beach. For first time campers, I would suggest something closer to home with facilities as you don't need to pack or purchase as much equipment. National Park campgrounds are a good start as they are generally well maintained and often have rangers nearby.

Weather: It is imperative to pack according to weather conditions. When it is hot, camping can be arduous if there is no water to cool off in. If it is winter and rainy, ensure you have packed tarps for shelter and plenty of clothes for the kids.

Facilities: There are a lot of great campsites these days that have communal camp kitchens providing essentials such as gas cookers, lighting, running water and even kitchen sinks. This is a great place to start because you don't have to purchase or bring as much equipment. Toilets are generally provided (they may be composting) but they do make life easier, especially when you have kids.

Equipment: Once you have your gear (bought or borrowed), ensure you know how it all works before you leave home. Practice setting up your tent in the back yard and even sleep a night in it with the kids. Make sure you take a well-stocked first aid kit and check torches, pack spare batteries, cooking equipment and sleeping arrangements – do you need an air pump for your mattress? Once you are fairly comfortable with the logistics, it is time to think about exactly what you need to pack. Again this will depend on your location and the facilities, duration of trip and the distance from the nearest shop.

The three main prerequisites are the same it has been for centuries - food, shelter and water. The simpler the approach, the easier it is to pack, set up and maintain camp. For a few days with the kids, simple meals are easiest. That means more time for spotlighting at night, less dishes for the kids to wash and more fun.

A good quality esky with ice will suffice for a few days and once you catch the camping bug, save your pennies for an Engel fridge.

Always bring sufficient amounts of water for drinking, cooking and washing. If there is water available, play it safe and still carry drinking water.

Camping provides the opportunity to spend quality time with our children, get away from the household chores, watch the stars, enjoy the tranquillity and have time to do the simple things together and bond as a family. It's been proven that children who experience nature are happier and healthier. When in the bush, kids can have free range to climb trees and the freedom to explore.

So take the plunge, get that tent and put aside a weekend. If you forget a few things, remember them for next time but most importantly pack a sense of fun and adventure.

10 tips for successful camping with kids

1. Get kids involved with planning and packing

2. Make a list as you don't want to forget something when you are miles away from home and shops

3. Know where you are going and arrive in daylight hours

4. Pick a level site away from water gullies if rain is forecast

5. Have children help with setting up camp, it gives them a sense of responsibility and they will get better and more helpful each time

6. Leave electronic games and iPads at home, let kids create their own games as camping is about discovering outdoors

7. Stay calm, even when the tent is wet and falling down – it's all part of the experience

8. Try not to over plan and overschedule, it's meant to be relaxing

9. Let kids explore, climb trees and get muddy – that's what camping is all about

10. Bring a torch for everyone as night walks and hide and seek in the dark are a highlight.

Emma George

A good quality esky is a great investment as it can be used at home as well as out camping.

Never too young to start camping, Austin at just 8-weeks-old experienced his first campfire and sleeping in a tent.

Million dollar views for a fraction of the price, although the baths are a little small.

PORTABLE POW
FOR YOUR ENGEL

ENGEL BATTPAKS

28 & 56 AMP HOUR

The Engel Battpak is a portable deep cycle dual battery system for powering your Engel Portable Fridge - Freezer and Accessories, in & out of your vehicle.

- The BATTPAK is designed for use primarily with the range of ENGEL portable fridge-freezers, but can be used with almost all portable fridge-freezers and a large variety of 12 volt appliances.
- The BATTPAK is designed to be charged via the 12 volt charge lead supplied.
- Press the MOMENTARY button on the control panel of the BATTPAK and the volt gauge will indicate its state of surface charge.
- The BATTPAK is a maintenance-free rechargeable sealed lead-acid battery.
- Your BATTPAK will operate in any direction or position without leakage and at temperatures between -20°c & +50°c.
- The BATTPAK 28 has 2 Outlets. One 12 Volt Cigar plug, and one ENGEL POSI FIT Socket.
- The BATTPAK 56 has 3 Outlets. One 12 Volt Cigar plug, one Hella plug and one ENGEL POSI FIT Socket.
- All Outlets are fitted with ON/OFF rocker switches and are fused at 15 Amps.
- The BATTPAK should always be recharged after use.
- The BATTPAK batteries have a life of between 300 and 400 charge cycles.

MOMENTARY BUTTON

GREEN	13V to 13.4V	Fully Charged
ORANGE	9V to 13V	Normal
RED	0V to 9V	Requires Charging

BATTPAK28(mm):

H285 W190 D200 Weight 14kg

BATTPAK56(mm):

H285
W190
D380
Weight 26kg

OPTIONAL ACCESSORIES: 12VDCBATTCHARGER

The Engel 12VDCBattcharger is an electronic battery charger designed to charge Lead Acid Batteries from a 12 volt DC Battery. The charger uses a unique boost charge feature, stepping up to a charge rate allowing the auxiliary battery to properly charge and with its voltage sensing feature ensuring the main battery charge is not depleted while the vehicle is not running. The12VDC Battcharger will charge your BATTPAK at up to 10 Amps.

CHARGING FROM CHARGE LEAD SUPPLIED

The LED will flash when charging is in progress and will TRICKLE charge your BATTPAK at approximately 2 to 4 Amps. The rate of charge will drop as the level of charge increases.

CHARGING WITH 240 VOLT / SOLAR PANELS

We recommend a 6 to 8 Amp Automatic (floating and regulated) type 240 Volt mains battery charger. You will need to purchase a male single pole Hella plug to replace the alligator clips supplied with the battery charger, making sure the red lead is positive and the black is negative. Solar Panels can be used to charge your BATTPAK but must be regulated, with a maximum output of 8 Amps.

SMART BATTERY BOX

Engel has now introduced the Smart Battery Box that suits any type of car or marine battery. The Smart Battery Box has several outlets to run a variety of appliances and inputs to allow you to charge from various sources. Fully portable and suitable for any vehicle. The standout feature of The Engel Smart Battery Box is the Time Tracker Battery Management Screen. This screen gives you current battery condition, percentage of battery capacity available, number of hours till battery reaches full charge, the current stage of the charging cycle, battery type selection and set up details.

TRI VOLTAGE

All Engel fridge-freezers (excluding MD14E chest & SB47 upright) have an inbuilt tri voltage (12/24/240v) power supply which allows you to operate from either car accessory sockets or mains power without the need for an adaptor.

Although Engel has the lowest power consumption of any portable fridge-freezer on the market, operating for extended periods off your car battery could lead to a flat battery. Therefore alternate power sources may be sought. If you are on the move, careful management of your battery power can allow you to successfully enjoy a holiday with one battery.

Options for reserve power include dual battery systems, Engel Battpaks, solar panels or a generator.

GENERATOR

When you want to stay indefinitely in the one spot it is best to invest in a portable generator or a solar panel system. Engel fridge-freezers have such minimal power consumption even a small generator will do the job. And now most of these generators are whisper quiet and guaranteed not to annoy the neighbours.

ENGEL DIESEL POWERED GENERATORS

SHX8000DI - 7.5Kva

SHX12000DI - 11Kva

SHT15D - 15Kva

SHT25D - 20Kva

Ideal for onsite power, backup power for business, farms etc - the possibilities are endless!

SHX 1000 GENERATOR

Ideal for caravanning and camping, this little jem will run lights, TV's, DVD's, VCR's, a stereo, cooling fans, power tools, and of course your ENGEL fridge-freezer (E-series and F-series). Compact and light enough to be taken just about anywhere. Maximum 240 volt AC output 1000 watts. With a built in 12 volt DC output terminals for charging 12 volt batteries with a maximum of 8.3 Amps. Powered by an air cooled 4-stroke OHC engine (model# GXH50) Using unleaded fuel, with a 3.8 litre tank that will run up to 8.6 hours at 1/2 load or 5.5 hours at full load. With the option of silent mode or power mode, the sound level is only 58dB (1/2 load / 7m). 12 Month Warranty (commercial use). 24 Month Warranty (private use).

External Dimensions (mm):	L 465 W26 H380
Net Weight:	14KG
Power:	12 volt DC charging terminals 240 volt AC single outlet

WITH MODIFIED SINE WAVE TECHNOLOGY!

TRANSIT BAG EGC 1000

(Suits SHX 1000)

GET MORE OUT O
WITH APPROVE

To make your Engel portable fridge-freezer a pleasure to own we have included an extensive range of quality Engel approved accessories. These will make your Engel portable fridge-freezer easier to use, will improve performance, provide further protection and offer greater versatility.

ENGEL THERMOMETER

(PICTURED LEFT)

This dashboard display unit provides both car ambient and inside fridge-freezer temperatures.

ENGEL BATTERY MONITOR (12v)

Automatically shuts off the fridge when battery charge drops below a set voltage. Includes charge meter. BM12 10.5v or 11.5v and BMIL 10.5v or 11.5v.

ENGEL STORAGE BASKETS & SEPARATOR FRAMES

These plastic coated baskets provide easy access to contents and protect small items. Vertical separators keep bottles upright.

ENGEL TRANSIT BAG

This zip-up insulated cover protects your fridge/freezer from all those bumps, scratches and helps the fridge perform in hot weather while increasing 'cold hold down' time overnight. The bag incorporates two storage pockets, one for the cords and the other for the Engel Digital Thermometer.

ENGEL TRANSIT BAG FOR ECLIPSE

Designed specifically for the Engel Eclipse, this innovative new transit bag is lightweight and durable with a modern finish. Perfect for protecting the exterior of your Eclipse and providing extra insulation on those hot summer days.

F YOUR ENGEL
D ACCESSORIES

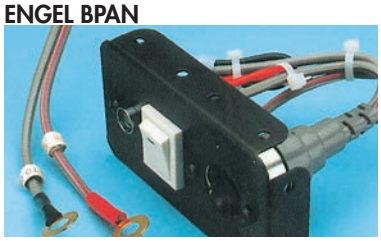
ENGEL 240VAC BATTERY CHARGER

Fully floating battery charger suitable for charging Engel Battpaks from mains power. Available in 3.5 and 6 amp.

ENGEL 12VDC BATTERY CHARGER

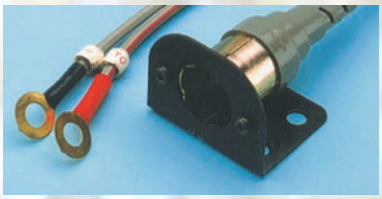
The 12VDCBattcharger is an electronic battery charger designed to charge Lead Acid batteries from a 12 Volt DC vehicle battery. The charger uses its unique boost charge feature, stepping up to a charge rate allowing the auxiliary battery to properly charge. With a voltage sensing feature via the ignition circuit, this ensures the main battery charge is not depleted while the vehicle is not running. It is universally suited to all 12 Volt Negative Earth electrical systems in vehicles, boats, caravans and mobile homes.

ENGEL BPAN



Fail safe, 'Posi-fit' plug connection with switch, improves electrical efficiency in rough terrain. The ultimate connection with 3 metre cord.

ENGEL ASPAN or ENGEL APAN



'Posi-fit' plug connection. Available with either 30cm cord (ASPAN) or 4metre cord (APAN).

ENGEL P-PANEL

Surface mount panel with Engel socket and 12 volt LCD volt meter complete with housing.

ENGEL O-PANEL

Surface mount double panel. Engel socket and cigarette socket complete with housing.

ENGEL N-PANEL

Surface mount Engel socket complete with housing.

ENGEL ECORD or ENGEL FCORD

'Posi-fit' Extension Cords allow ease of movement outside vehicle. 1 metre cord (ECORD) or 2 metre cord (FCORD) available.

ENGEL TIE DOWN BRACKETS

Engel Tie Down Brackets are the ideal way of securing your Engel portable fridge-freezer to existing vehicle tie down points.

ENGEL POWER INVERTER

(150&350W)
Portable modified Sine Wave Inverter, 12 volt DC to 240 volt AC. Designed for powering 240 volt appliances, the unit is ideal for TV's, DVD players and charging mobile phone and camera batteries.

ENGEL CANVERTER

The all new ENGEL Canverter is designed in the shape of a drink can to fit easily into a car's drink holder. Plug into the cigarette lighter and run appliances with a rating of up to 100W. Lightweight and compact with a 1 year warranty.

Input Voltage:	12 volts DC (10-15 volts)
Output Voltage:	240 volts AC
Continuous Output:	100W
Surge Output Power:	200W
Weight:	450g

ENGEL MERCHANDISE

Engel Golf Umbrella
EDUMB

Engel Beanie
EDBEANIE

Engel Mug
EDMUG

Engel Cap
EDCAP

Engel Stubby Holder EDSHOLD

Engel Glass Tumblers
(Set of 6) EDGLASS

Engel Money Box
EDMBOX

Engel Premium Cap
EDBBC

Engel Camping/ Fishing Chair
EDCHAIR

Engel Fishing Hat
EDHAT

Engel Picnic Bag & Blanket
EDPCB

Engel LED torch
EDTORCH

Engel Wallet
EDWALLET

50th Anniversary Playing Cards
EDCARDS

Engel Cooler/ Fishing Bag EDBAG

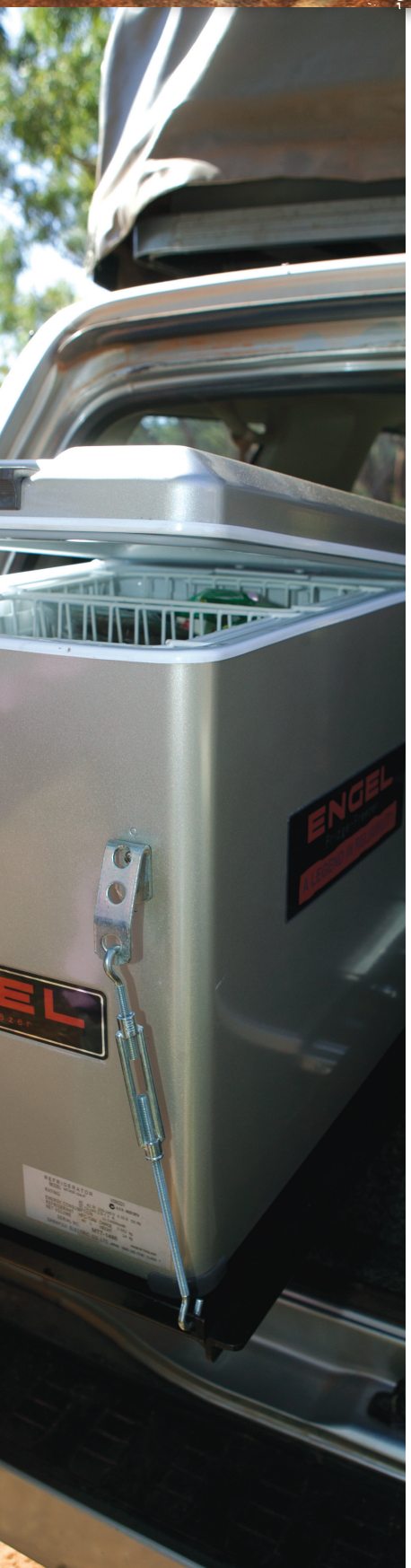
Engel Lock and Lock Pack
OVERNIGHTER, DISCOVERY, TOURER and ADVENTURER

"Lock & Lock" stackable airtight containers. Absolutely 100% air & liquid tight. Dishwasher & Mircrowave safe. Ideal for all models of Engel fridge-freezers new and old. Four differently sized packs available - Overnighter, Discovery, Tourer and Adventurer packs.

Engel Tent
EDTENT

Two man, dome style pop-up tent.

ENGEL FRIDGE SLIDES



515 SLIDE

Overall Dimensions

Height	60mm
Length	640mm
Width	410mm
Extension Distance	**390mm**
Tray Dimensions	
Height	20mm
Length	550mm
Width	305mm
Nett Weight	**9.5kg**

Suits 15 and 21 litre ENGEL

525 SLIDE

Overall Dimensions

Height	60mm
Length	640mm
Width	350mm
Extension Distance	**390mm**
Tray Dimensions	
Height	20mm
Length	550mm
Width	235mm
Nett Weight	**8.5kg**

Suits 21 litre ENGEL

530/540 SLIDE

Overall Dimensions

Height	60mm
Length	735mm
Width	500mm
Extension Distance	**470mm**
Tray Dimensions	
Height	20mm
Length	645mm
Width	390mm
Nett Weight	**11kg**

Suits 29 through 40 litre ENGEL

560 SLIDE

Overall Dimensions

Height	60mm
Length	880mm
Width	605mm
Extension Distance	**650mm**
Tray Dimensions	
Height	20mm
Length	805mm
Width	500mm
Nett Weight	**16.5kg**

Suits 57 through 80 litre ENGEL

560 X SLIDE

Overall Dimensions

Height	60mm
Length	920mm
Width	600mm
Extension Distance	**440mm**
Tray Dimensions	
Height	20mm
Length	805mm
Width	500mm
Nett Weight	**16.5kg**

Suits 57 through 80 litre ENGEL

35 T SLIDE

NEW!

Tilt Slide

Suits 29 through 40 litre ENGEL

FEATURES

- Solid powder coated steel construction
- Heavy duty roller bearing slider
- Quality fittings & components
- Lock-in and lock-out features for added safety (except 525)
- Fully mountable
- Turn-buckle & brackets for securing fridge to tray
- Made exclusively in South Africa for ENGEL

ENGEL TRANSIT SLIDE LOK

The easy way to secure your Engel portable fridge-freezer in your vehicle. Available to suit MT17 to MT45.

NEW FROM ENGE
POWERFILM® SOL

Fold it. Roll it. Attach it. The choice is yours.

One of the most innovative new products on the Engel range is taking Australia by storm!

The new release PowerFilm® Solar Chargers are going to change the way Australians enjoy their camping trips. The product is revolutionary because of its strength and durability, its portability and its efficiency.

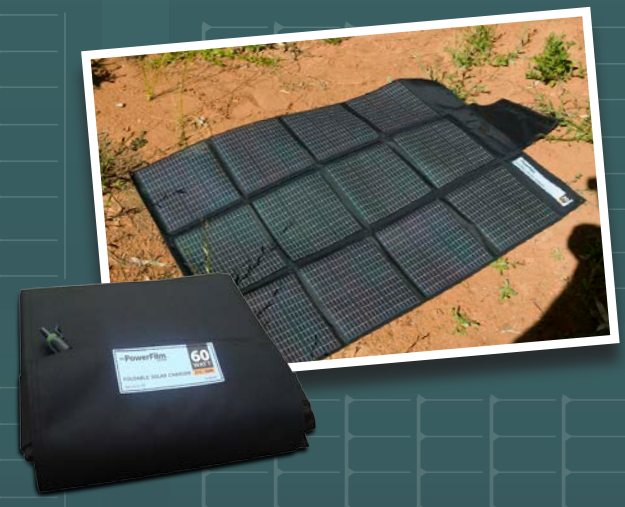
Foldable Solar Chargers

PowerFilm® Foldable Solar Chargers are the lightest, most compact, and most portable solar solution for remote, expeditionary power needs. PowerFilm® Foldable Solar Chargers come in a wide range of power output configurations and varying capacities, for charging all types of batteries including car, boat, caravan, cell phones, satellite phones, even laptops. A full line of supporting accessories are available.

Features:

- Designed to absorb light even during low light conditions.
- Highly durable and resist point damage extremely well.
- Unlike crystalline solar cells that are prone to shattering, PowerFilm® Solar modules are flexible and designed for reliability.

Accessories Included
Using the Foldable Solar Charger is made easy with the included 12 V female barrel adaptor. Plug in 12 V compatible devices to the solar charger directly.



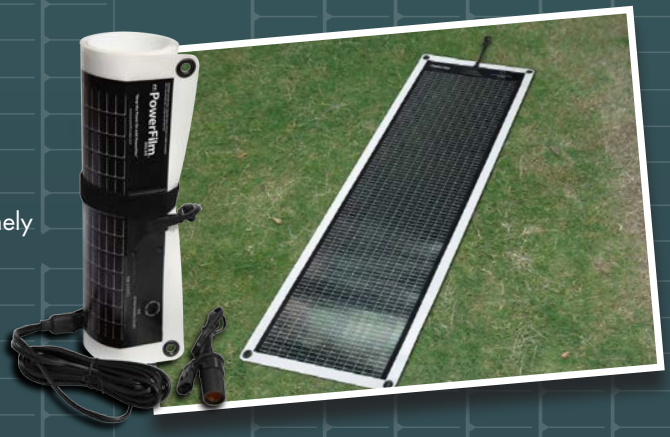
Rollable Solar Chargers

PowerFilm® Rollable Solar Chargers are manufactured with a proprietary roll process that produces a thin film solar panel with best-in-class flexibility. Built with the same technology that goes into every PowerFilm® solar module, the Rollable Solar Charger line is extremely durable, lightweight, and easily integrated to provide power for a number of charging applications.

Features:

- Designed to absorb light even during low light conditions.
- Fully waterproof and constructed with marine-grade connectors to provide a portable solar solution for marine environments
- Highly durable and resist point damage extremely well.

Accessories Included
Using the Rollable Solar Charger is made easy with the included 12 V female barrel adaptor and 15' O-ring terminal extension cord. Plug in 12 V compatible devices to the solar charger directly or hook the solar charger to a 12 V battery for trickle charging and power storage.



EL
AR CHARGERS

USB+AA Solar Charger

Go from fully spent to fully charged in just four hours (in direct sun conditions). In additon to battery charging, utilising the universal USB port and working with two rechargeable batteries allows for direct charging of most small USB devices, like cell phones, smart phones, and iPods.

Features:

- Designed to absorb light even during low light conditions.
- Very compact and lightweight. Weighs just 4.9oz.
- Includes 2 rechargeable NIMH batteries

The perfect partner. Perfectly efficient.

Engel's swing motor simple operation saves your battery reserves. It draws a maximum of only 2.5 amps and operates as low as 0.5 amps, meaning longer running time between charges.

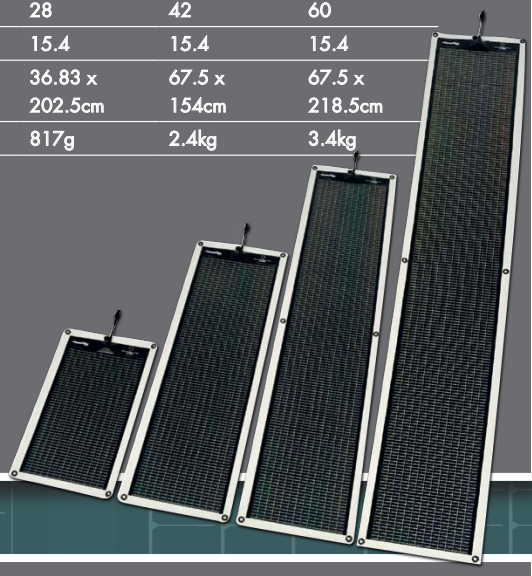
Critically, an Engel will keep working as low as 10 volts. This makes a PowerFilm® Solar Charger the perfect partner for your Engel fridge freezer. Just plug in your PowerFilm® charger, and your Engel will run. Available in 60 Watts.

POWERFILM® SPECIFICATIONS

PowerFilm® rollable chargers

MODEL	SPR7W	SPR14W	SPR21W	SPR28W	SPR42WRV	SPR60WRV
Wattage:	7	14	21	28	42	60
Operating voltage:	15.4	15.4	15.4	15.4	15.4	15.4
Unrolled dimensions:	36.83 x 58.5cm	36.83 x 106.7cm	36.83 x 154.3cm	36.83 x 202.5cm	67.5 x 154cm	67.5 x 218.5cm
Weight:	268g	445g	644g	817g	2.4kg	3.4kg

All models include accessories RA-2 and RA-11



PowerFilm® foldable chargers

MODEL	SPF5	SPF10	SPF20	SPF30	SPF60	SPF90
Wattage:	5	10	20	30	60	90
Operating voltage:	15.4	15.4	15.4	15.4	15.4	15.4
Folded dimensions:	8.4 x 26.7 x 2.5cm	8.9 x 26.7 x 3.3cm	16.5 x 27.9 x 2.5cm	24.1 x 27.9 x 2.5cm	24.1 x 27.9 x 5cm	35.6cm x 27.9cm x 7.6cm
Unfolded dimensions:	26.7 x 62cm	53.3 x 60.2cm	80.5 x 76.2cm	80.5 x 104.9cm	109.2 x 149.9cm	172.7cm x 138cm
Weight:	204g	331g	576g	798g	1.45kg	2.27kg

NEW! SPF120W KIT COMBINES TWO SPF 60's TO CREATE A 120 WATT OUTPUT

All models include accessory RA-2

INSTANT POWER PowerFilm® Foldable Solar Chargers DO NOT require any sun-soaking prior to use

Also available:

SPAK2	Solar charger adventure pack
SPRA9	Solar charger controller

Plus:

A full range of PowerFilm® accessories. For full details, visit

engelaustralia.com.au

and follow the links to products > solar.

RON MOON'S OUTBACK TRAVEL TIPS

For a day trip along the beach close to home or for a longer journey whether that's a year long extravaganza around Australia or the world, prior preparation and planning will always help you overcome any difficulties and unplanned occurrences.

Ensure your vehicle battery and the auxillary battery are in tip top condition when you leave on a trip so you'll have no problems keeping the food cool and the beer cold in your Engel fridge. Batteries mounted close to an exhaust or turbo really suffer from the heat and will need to be replaced more often!

What's best? A solar panel kit or a small generator? Both have advantages and both will help keep your Engel Fridge running when you are stopped for days on a magical beach or desert waterhole. Solar panels aren't great when its cloudy and need to be kept pointed at the sun to be most efficient. Generators need to be kept supplied with fuel and can be a little noisy but will consistently provide more power to the battery as well as run power tools and a lot of other electrical equipment apart from the Engel fridge.

When heading bush always carry a jerry can of water for both you and your vehicle. It is better to carry water in a couple of smaller containers than in one big one. Never leave home without it!

Never join two snatch straps by using a D-shackle. If one strap breaks you'll have a deadly missile flying through the air, which can easily punch through a window, sheet metal and/or kill someone.

A good remote area first aid kit should be in every vehicle when you head off on a trip. There should also be someone who knows how to use it and preferably, someone who has done a St Johns first aid course (see: www.stjohn.com.au). The life that could be saved could be yours or your loved one.

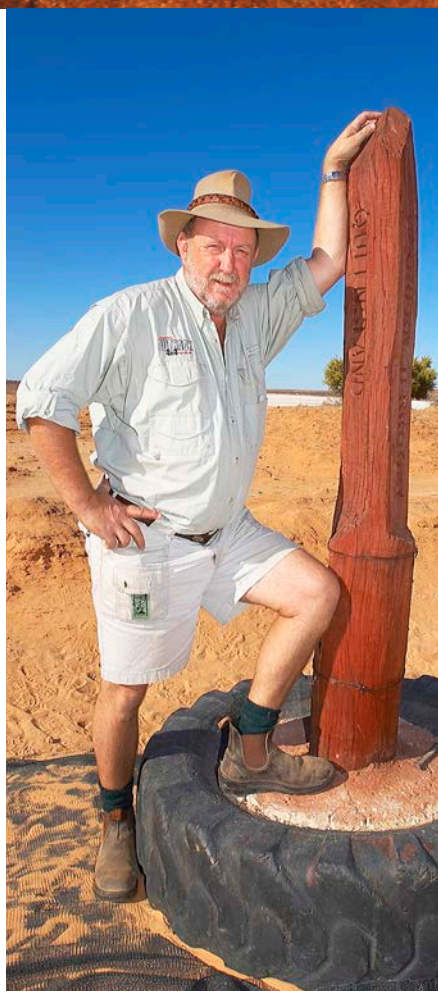
7 Don't try and save money by taking the shoddiest set of tyres bush. It's not only unsafe when you are travelling at high speeds on bitumen and dirt roads, but in four wheel drive country you'll have a lot less traction and get more punctures – remember, 90% of punctures occur in the last 10% of a tyre's life. And replacing tyres in a country town is always dearer than buying tyres in a major city!

8 Always carry basic recovery gear – a long-handled shovel, a jack and jacking plate, an axe, a snatch strap and a couple of D-shackles. Ensure the D-shackles are rated with a 'safe working load' (SWL) and that your snatch strap is in good condition.

9 Tyre pressures (measured when cool) are the single most important thing to be aware of when four wheel driving. In a normal 4WD vehicle with 15 to 17 inch tyres loaded for a trip on the bitumen, tyre pressures should be around 36psi (250kPa). On dirt roads lower tyre pressures to around 30-32psi (210kPa- 225kPa). When on a rough 4WD track for the best traction lower tyre pressures to 24-26psi (165kPa-180kPa). When heavily loaded for a desert crossing similar tyre pressures will be required. On a beach, start of at 18-20psi (125kPa-140kPa). You'll be able to go lower if you get bogged, but be very careful if you are down to 12psi (85kPa) or so. Always carry a tyre gauge and a good compressor.

10 Lastly, a satellite phone or a HF radio, or one of those new fangled gadgets, a satellite GPS Messenger called, 'Spot' (see: www.findmespot.net.au), will allow you to tell people where you are and how you are in case of an emergency. Somebody in your group should have one – normal mobile phones and UHF radios very often don't work where 4WD adventurers go!

Ron Moon



JO CLEW'S TIPS FOR A TOP NOTCH

First of all I never leave home without my Engel firmly secured into my vehicle, even if it's only just a trip to town its always there and just recently my 40 litre proved its worth when my partner and I catered for 16 men for two days along the Fortesque River in the Pilbara in Western Australia and we had only the Engel and a couple of ice boxes to keep all the food fresh.

I suspect I am not alone when it comes to having the Engel permanently mounted in the vehicle and even if the trip is not long many will have found that the Engel is fantastic to keep the groceries fresh, the ice cream frozen and the bottle of bubbly cold for the trip home from the shops.

Storage containers are one thing I have struggled with over the years and I have tried many and varied options and all have been deficient in some way, the Engel Lock and Lock containers, or Mantupperware, that I have been using for the last couple of years have proven to be almost indestructible and the best thus far. I have one to house all the cutlery, a large one for utensils, a roll of foil, plastic wrap the sharp knives, matches, salt and pepper and anything else that can squeeze in, one for small bottles and packets of herbs and spices others for the coffee, tea and sugar. Because they fit so well into my 40litre Engel I then have a range of sizes that pack neatly into the fridge. I don't buy small bottles or single serve packs of olives and sundried tomatoes and the like, not only is it a more expensive way to go but it creates more rubbish to be disposed of. So I buy large bottles or vacuum packs and transfer them to their own Lock and Lock container before leaving home, that way there will be no breakages or spills to clean up.

It's no wonder it can be confusing deciding what to have in your camp kitchen when there seems to be new gadgets and gizmos emerging on the camping store shelves every week so here are some tips to help you on your way to having your perfect camp cooking set up. The best way to find out what will work for you, is to observe, take a peek into lots of other peoples camp kitchen set ups and take away ideas to use for yours.

Camping stores, camping magazines, four wheel drive accessory shops and camping shows are a great place to start, but before you outlay any money though have a good look through your cupboards at home and amass a collection of cooking equipment, utensils and storage containers that you no longer use on a regular basis, you will be surprised at what you find.

H CAMP KITCHEN

Then hit the op shops, they have amazing collections of cutlery, containers and pots and pans that cost very little and it won't matter as much if they get destroyed or lost.

Planning and preparation, oh I know they are boring and conjure up images of Girl Scouts and most of us like the romantic notion of spontaneously jumping in the car and taking off for a few days to get away from it all.

Sometimes the best laid plans can be no plans but in some cases they can also be a bit of a disaster. Lists, glorious lists can make the difference between remembering the totally useless and forgetting the absolute necessities and not just one but multiple.

The tucker box list: this includes all foods that are non-perishable and come in cans jars or packets.

The Engel list: food like dairy, eggs and meats that cannot survive without being kept cold.

The dry icebox list: things like fruit and vegetables that don't require refrigeration but still require a sturdy cool environment to extend their life, potatoes, carrots, onions, apples and oranges all make this list.

The cook ware and utensils list: includes things like baking dishes, peeler, masher, gloves for the camp fire, can opener, sharp knife, plates to eat off, cutlery and all the other equipment you will need to prepare and serve your food.

Finally the cooking equipment list: includes camp oven, gas stove, gas bottle and hose, heat beads or charcoal, fire lighters and matches and anything else you will need to cook your food. I have a sturdy fold up plastic table, a small metal topped one for hot things and a couple of chairs to make my camp kitchen comfortable.

Even when I am not catering for a mass of hungry campers I find that menus are a must, even if you are only heading off for a few days, being able to lay your hands on all the right ingredients for what you want to prepare and know exactly what you will be eating during the day takes all the stress out of feeding the mob. Menus should be simple and above all they should be familiar recipes that are as easy to replicate, with minimal equipment in the bush, as they are at home with a whole kitchen at your disposal.

Another tip that you may already know of is if there is to be only one cook for your trip, and this is sometimes just easier, then let them do their job, chances are if they have put their hand up to do the cooking then they probably enjoy doing it and will make nice meals, so don't complain and be grateful someone else is happy to do the cooking for you. By all means help with the clean-up and always make yourself available to wash dishes and be sure to keep the cook happy and the camp will be happy.

As a matter of interest for those who might need a bit of help in what temperatures are best suited to different foods in your Engel here is a bit of a rough guide to help you out.

2-4 degrees is fine for all refrigerated goods dairy products, meat, cold meats, fruits and vegetables and even the lettuce shouldn't freeze.

One degree to minus one is perfect if the fridge is being used strictly for drinks and if you are using your Engel as a freezer then minus seven to minus ten is great for red meat, fish and chicken.

Keeping a track on how the temperatures are going is as easy as the next time you are near an Engel distributor stop in and get one of their battery operated temperature gauges.

Sometimes life can be sweet, have safe happy travels and good times.

Jo Clews

Check out Jo's Camp Oven Cooking recipes in her cookbook available now.

ENGEL

www.engelaustralia.com.au

NOTES/CHECKLIST

Phone: 1300 302 653 Fax: 1300 236 435
Email: admin@engelaustralia.com.au

Your Local Distributor

Visit www.engelaustralia.com.au

to see the RRPs of the entire Engel range.

SPECIFICATIONS IN THIS CATALOGUE ARE SUBJECT TO CHANGE WITHOUT NOTIFICATION